

EXPENDITURES, COAST AND GEODETIC SURVEY.

LETTER

FROM

THE ACTING SECRETARY OF THE TREASURY,

TRANSMITTING

A STATEMENT OF THE EXPENDITURES IN THE UNITED STATES
COAST AND GEODETIC SURVEY FOR THE YEAR ENDED JUNE 30,
1901.

JANUARY 6, 1902.—Referred to the Committee on Expenditures in the Treasury
Department and ordered to be printed.

TREASURY DEPARTMENT,
OFFICE OF THE SECRETARY,
Washington, D. C., December 20, 1901.

SIR: In compliance with section 264 of the Revised Statutes of the
United States, I have the honor to transmit herewith a statement of
the expenditures in the United States Coast and Geodetic Survey for
the fiscal year ended June 30, 1901.

H. A. TAYLOR,
Acting Secretary.

The SPEAKER OF THE HOUSE OF REPRESENTATIVES.

STATEMENT OF EXPENDITURES OF THE UNITED STATES COAST AND GEODETIC
SURVEY FOR THE FISCAL YEAR ENDED JUNE 30, 1901.

[Prepared pursuant to the act approved March 3, 1853.]

Salaries—Pay of field officers, 1901.

To whom paid.	Time employed.	Amount.
<i>Superintendent.</i>		
Henry S. Pritchett.....	Five months.....	\$2,078.80
Otto H. Tittmann.....	Seven months.....	2,921.20
<i>Assistants.</i>		
Chas. A. Schott.....	Ten months and twenty-two days.....	3,571.40
Aug. F. Rodgers.....	One year.....	4,000.00
Otto H. Tittmann.....	Five months.....	1,330.45
Andrew Braid.....	One year.....	3,107.08
A. T. Mosman.....	.....do.....	3,000.00
Herbert G. Ogden.....	.....do.....	3,000.00
Will Ward Duffield.....	.....do.....	3,000.00

EXPENDITURES, COAST AND GEODETIC SURVEY.

Salaries—Pay of field officers, 1901—Continued.

To whom paid.	Time employed.	Amount.
<i>Assistants—Continued.</i>		
John F. Hayford.....	One year.....	\$3,000.00
W. D. Alexander.....	Five months.....	1,241.70
Erasmus D. Preston.....	One year.....	2,060.40
Cephas H. Sinclair.....	do.....	2,500.00
William Eimbeck.....	do.....	2,486.42
Frank D. Granger.....	do.....	2,500.00
L. A. Bauer.....	do.....	2,500.00
Herman S. Davis.....	Thirty days.....	195.65
Frank Walley Perkins.....	One year.....	2,294.59
J. J. Gilbert.....	do.....	2,200.00
Henry L. Marindin.....	do.....	2,200.00
John F. Pratt.....	do.....	2,200.00
Edmund F. Dickins.....	do.....	2,200.00
Dallas B. Wainwright.....	do.....	2,200.00
Isaac Winston.....	do.....	2,086.41
William C. Hodgkins.....	do.....	2,200.00
Philip A. Welker.....	do.....	2,107.59
James B. Baylor.....	do.....	2,000.00
John Nelson.....	do.....	2,000.00
John A. Flemer.....	Five months (furlough).....	.....
Fremont Morse.....	One year.....	2,000.00
Stehman Forney.....	do.....	2,000.00
Gershon Bradford.....	do.....	2,000.00
Oscar W. Ferguson.....	do.....	2,000.00
John E. McGrath.....	do.....	1,630.42
Edwin Smith.....	do.....	1,630.42
Walter B. Fairfield.....	do.....	1,800.00
W. Irving Vinal.....	do.....	1,800.00
George R. Putnam.....	do.....	1,775.50
Fred. A. Young.....	do.....	1,600.00
Ferdinand Westdahl.....	do.....	1,600.00
Homer P. Ritter.....	do.....	1,600.00
John B. Boutelle.....	do.....	1,400.00
E. B. Latham.....	do.....	1,400.00
Robert L. Faris.....	do.....	1,400.00
Charles C. Yates.....	do.....	1,200.00
Geo. L. Flower.....	do.....	1,200.00
Owen B. French.....	do.....	1,200.00
William Bowie.....	do.....	1,200.00
Harry F. Flynn.....	do.....	1,200.00
Frank W. Edmonds.....	do.....	1,200.00
Frank M. Little.....	do.....	1,200.00
Hugh C. Denson.....	Seven months.....	687.23
R. B. Derickson.....	do.....	687.23
<i>Aids.</i>		
Hugh C. Denson.....	Five months.....	374.20
R. B. Derickson.....	do.....	374.20
Edgar R. Frisby.....	Six months and six days.....	460.10
H. W. Rhodes.....	One year.....	900.00
Benj. E. Tilton.....	do.....	900.00
F. F. Weld.....	do.....	900.00
Gurley S. Phelps.....	Three months and ten days.....	197.60
Hugh C. Mitchell.....	One year.....	816.90
Clarence W. Noble.....	Thirteen days.....	25.41
Frank H. Brundage.....	One year.....	805.50
John A. Fleming.....	do.....	816.90
William H. Burger.....	do.....	720.00
B. A. Baird.....	do.....	720.00
Walter C. Dibrell.....	do.....	720.00
Ora Miner Leland.....	do.....	675.05
Thos. E. Vaughn.....	Thirty days.....	58.80
John S. Coombs.....	do.....	59.74
M. B. Thornton.....	do.....	59.74
Thos. Nelson Page, jr.....	do.....	60.00
James A. French.....	One month and five days.....	70.00
L. L. Jones.....	Thirty days.....	56.00
Richard W. Walker.....	Four months and seventeen days.....	272.41
W. A. Naghton.....	Four months and four days.....	245.60
William E. Parker.....	Four months and eleven days.....	264.00
E. Mercer French.....	Eighteen days.....	36.00
Ossian E. Carr.....	Three months and seventeen days.....	213.01
Geo. E. Selby.....	Twenty-five days.....	49.45
John Kenneth Mills.....	Sixteen days.....	81.65
Expenditures.....		112,874.75
Appropriation.....		116,460.00
Expenditures.....		112,874.75
Unexpended balance.....		3,585.25

Salaries—Pay of office force, 1901.

To whom paid.	Time employed.	Amount.
<i>Disbursing agent.</i>		
Scott Nesbit.....	One year.....	\$2,200.00
<i>Chief of division of library and archives.</i>		
Edw. L. Burchard.....	do.....	1,800.00
<i>Clerks.</i>		
William B. Chilton.....	do.....	1,647.44
Nicholas G. Henry.....	do.....	1,650.00
William C. Maupin.....	do.....	1,397.29
Adelbert B. Simons.....	do.....	1,400.00
J. Henry Roeth.....	do.....	1,388.05
Herbert M. Fitch.....	do.....	1,393.48
John H. Smoot.....	do.....	1,206.52
Eugene B. Wills.....	do.....	1,197.21
Ida M. Peck.....	do.....	1,195.84
James M. Griffin.....	do.....	1,200.00
Geo. A. Fairfield.....	do.....	1,200.00
Harlan C. Allen.....	do.....	1,200.00
Jennie H. Fitch.....	do.....	1,000.00
Alice G. Reville.....	do.....	1,000.00
Joseph B. Quinlan.....	do.....	998.06
<i>Chart correctors.</i>		
Henry R. Garland.....	do.....	1,200.00
Lily A. Mapes.....	do.....	1,200.00
Mary L. Handlan.....	do.....	619.05
Virginia E. Campbell.....	do.....	720.00
<i>Writers.</i>		
Kate Lawn.....	do.....	898.60
Albert F. Zust.....	do.....	900.00
J. H. Millsaps.....	do.....	900.00
Archie Upperman.....	do.....	800.00
Calvin W. Jones.....	do.....	720.00
Eugene Meads.....	do.....	720.00
El Bie K. Foltz.....	do.....	720.00
William H. Davis.....	Two months and nineteen days.....	138.81
Fannie Cox.....	Thirty days.....	58.70
E. C. Mewshaw.....	do.....	58.70
Geo. H. Draper.....	One month and twenty-two days.....	100.00
Arthur S. Barnes.....	Three months and three days.....	192.50
Susie C. Mahany.....	Twenty days.....	39.56
Mary A. Grant.....	One year.....	600.00
<i>Buoy colorist.</i>		
A. B. Simons, jr.....	One year.....	669.12
<i>Draftsmen.</i>		
Edwin H. Fowler.....	One year.....	2,400.00
Henry Lindenkohl.....	do.....	2,196.58
Adolph Lindenkohl.....	do.....	2,000.00
William C. Willenbacher.....	do.....	1,998.45
Ernest J. Sommer.....	do.....	1,800.00
Frank C. Donn.....	do.....	1,800.00
David M. Hildreth.....	do.....	1,800.00
Charles H. Deetz.....	do.....	1,600.00
Edmund P. Ellis.....	do.....	1,600.00
John T. Watkins.....	do.....	1,400.00
Harlow Bacon.....	do.....	1,400.00
James P. Keleher.....	do.....	1,199.58
Paul Erichsen.....	do.....	998.85
Williams Welch.....	Four months and twenty days.....	388.55
Sully B. Maize.....	One year.....	1,000.00
Donald Derickson.....	Two months.....	146.73
W. I. Bickford.....	Two months and nineteen days.....	198.07
L. A. Waters.....	Thirty days.....	73.37
Albert P. Maderia.....	do.....	73.37
John H. Lindsay.....	do.....	73.37
Samuel W. Bogan.....	do.....	64.13
Richard W. Walker.....	Two months and five days.....	169.46
J. Newton Baker.....	Five months and sixteen days.....	458.33
Chas. M. Hahn.....	Five months and thirty days.....	447.50
James W. McGuire.....	Five months and four days.....	382.50
Charles Mahon.....	One year.....	700.00
<i>Computers.</i>		
Edward H. Courtenay.....	One year.....	2,000.00
Myrick H. Doolittle.....	do.....	1,909.14
Leland P. Shidy.....	do.....	1,800.00

EXPENDITURES, COAST AND GEODETIC SURVEY.

Salaries—Pay of office force, 1901—Continued.

To whom paid.	Time employed.	Amount.
<i>Computers—Continued.</i>		
Daniel L. Hazard.....	One year.....	\$1,599.38
Rollin A. Harris.....	do.....	1,600.00
Albert L. Baldwin.....	do.....	1,600.00
John C. Hoyt.....	do.....	1,600.00
Artemas Martin.....	do.....	1,400.00
Lillian Pike.....	do.....	1,199.53
William H. Dennis.....	do.....	1,000.00
Deane S. Bliss.....	do.....	1,000.00
Chas. R. Duvall.....	do.....	1,000.00
<i>Copperplate engravers.</i>		
William A. Thompson.....	One year.....	2,000.00
Henry M. Knight.....	do.....	2,000.00
Theodore Wasserbach.....	do.....	2,000.00
William H. Davis.....	do.....	1,800.00
Edward H. Sipe.....	do.....	1,800.00
William F. Peabody.....	do.....	1,600.00
Harry L. Thompson.....	do.....	1,600.00
William A. Van Doren.....	do.....	1,400.00
Alfred H. Sefton.....	do.....	1,200.00
Peter H. Geddes.....	do.....	1,200.00
William Mackenzie.....	do.....	1,000.00
Geo. Hergesheimer.....	do.....	1,000.00
Frank G. Wurdemann.....	do.....	900.00
William H. Holmes.....	do.....	900.00
Hugo Franke.....	do.....	900.00
Rowland H. Ford.....	do.....	900.00
Franklin Geoghegan.....	do.....	700.00
<i>Photographer.</i>		
Cassius F. Blacklidge.....	Eleven months and fourteen days.....	1,526.07
<i>Electrotypewriter and photographer.</i>		
Louis P. Keyser.....	One year.....	1,209.77
<i>Assistant electrotypewriter and photographer.</i>		
Roy Thomas.....	One year.....	676.73
<i>Plate printers.</i>		
D. N. Hoover.....	One year.....	1,796.74
Eberhard Fordan.....	do.....	1,198.78
Neil Bryant.....	Ten months and eight days.....	484.92
Chas. J. Harlow.....	One year.....	1,200.00
Chas. F. Locraft.....	do.....	1,200.00
William M. Conn.....	do.....	1,191.04
R. J. Fondren.....	do.....	1,200.00
M. W. Lang.....	Thirty days.....	82.42
W. A. Naghton.....	Eight days.....	24.73
<i>Plate printers' helpers.</i>		
Chas. Buckingham.....	One year.....	686.42
E. F. Campbell.....	do.....	700.00
Raoul F. Le Mat.....	do.....	682.62
William B. Mehler.....	Eleven months and fourteen days.....	667.63
Edwin M. Kline.....	Ten months and nine days.....	599.12
<i>Instrument makers.</i>		
Ernest G. Fischer.....	One year.....	1,800.00
Clement Jacomini.....	do.....	1,200.00
Thos. A. Gibson.....	do.....	1,200.00
William R. Whitman.....	do.....	999.32
M. Lauxmann.....	do.....	1,000.00
Ovid St. Marie.....	Thirteen days.....	35.71
J. A. Clark.....	One year.....	898.16
<i>Carpenters.</i>		
Horace O. French.....	One year.....	1,200.00
Geo. W. Clavoe.....	do.....	1,000.00
C. N. Darnall.....	do.....	969.09
<i>Watchmen.</i>		
David Parker.....	One year.....	880.00
J. W. Drum.....	do.....	880.00

EXPENDITURES, COAST AND GEODETIC SURVEY.

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Salaries—Pay of office force, 1901—Continued.

To whom paid.	Time employed.	Amount.
<i>Messengers.</i>		
Thomas McGoines	One year	\$880.00
Charles Over	do	820.00
Chas. H. Jones	do	820.00
William R. McLane	do	820.00
William H. Butler	do	820.00
William J. Diercks	do	700.00
Atrell Richardson	do	700.00
John W. Hunter	do	639.35
John H. Brown	Four months and twenty-two days	252.16
<i>Laborers.</i>		
Horace Dyer	One year	635.80
Frank Thomas	do	628.72
Harrison Murray	do	630.00
Hans Bowdwin	do	630.00
John H. Mason	do	596.80
Samuel B. Wallace	do	550.00
Ransom Smart	Eleven months and twenty days	538.59
Charles H. Strothers	Eleven months and eight days	450.23
Virginia McGliney	One year	365.00
John W. Brown	Six months and twenty-seven days	209.28
Expenditures		140,175.49
Appropriation		141,640.00
Expenditures		140,175.49
Unexpended balance		1,464.51

RECAPITULATION.

Pay of field officers	\$112,874.75
Pay of office force	140,175.49
Expenditures	253,050.24
Total sum appropriated for salaries	258,100.00
Total sum expended for salaries	253,050.24
Unexpended balance	5,049.76

Party expenses, 1901.

TIDES, ETC.

To whom paid.	On what account.	Amount.
Geo. W. Clarvoe	Philadelphia tidal	\$10.49
E. F. Dickins	Seattle tidal	68.00
Fred. A. Kummell	Washington tidal	720.00
F. M. Little	Philadelphia and Fernandina tidal	229.97
H. E. Olsen	Philadelphia tidal	195.61
J. F. Pratt	Seattle tidal	400.00
August B. Rodgers	San Francisco tidal	1,064.09
L. P. Shidy	Washington tidal	58.95
J. G. Spaulding	Fort Hamilton tidal	1,102.23
B. W. Weeks	Fernandina tidal	616.10
Amount disbursed		4,465.44
Railroad account referred to auditor for settlement .....		.35
Expenditures		4,465.79
Appropriation		5,000.00
Expenditures		4,465.79
Unexpended balance		534.21

OFFSHORE WORK, ETC.

R. D. Chase	Services	\$899.65
E. F. Dickins	Coast pilot	62.00
H. L. Ford	Services and travel	1,506.05
H. C. Graves	do	1,907.65
Talbot Pulizzi	Services	1,080.00

EXPENDITURES, COAST AND GEODETIC SURVEY.

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Salaries—Pay of office force, 1901—Continued.

To whom paid.	Time employed.	Amount.
<i>Messengers.</i>		
Thomas McGoines	One year	\$880.00
Charles Over	do	820.00
Chas. H. Jones	do	820.00
William R. McLane	do	820.00
William H. Butler	do	820.00
William J. Diercks	do	700.00
Atrell Richardson	do	700.00
John W. Hunter	do	639.35
John H. Brown	Four months and twenty-two days	252.16
<i>Laborers.</i>		
Horace Dyer	One year	635.80
Frank Thomas	do	628.72
Harrison Murray	do	630.00
Hans Bowdwin	do	630.00
John H. Mason	do	596.80
Samuel B. Wallace	do	550.00
Ransom Smart	Eleven months and twenty days	535.59
Charles H. Strothers	Eleven months and eight days	450.23
Virginia McGliney	One year	365.00
John W. Brown	Six months and twenty-seven days	209.28
Expenditures		140,175.49
Appropriation		141,640.00
Expenditures		140,175.49
Unexpended balance		1,464.51

RECAPITULATION.

Pay of field officers	\$112,874.75
Pay of office force	140,175.49
Expenditures	253,050.24
Total sum appropriated for salaries	258,100.00
Total sum expended for salaries	253,050.24
Unexpended balance	5,049.76

Party expenses, 1901.

TIDES, ETC.

To whom paid.	On what account.	Amount.
Geo. W. Clarvoe	Philadelphia tidal	\$10.49
E. F. Dickins	Seattle tidal	68.00
Fred. A. Kummell	Washington tidal	720.00
F. M. Little	Philadelphia and Fernandina tidal	229.97
H. E. Olsen	Philadelphia tidal	195.61
J. F. Pratt	Seattle tidal	400.00
August B. Rodgers	San Francisco tidal	1,064.09
L. P. Shidy	Washington tidal	58.95
J. G. Spaulding	Fort Hamilton tidal	1,102.23
B. W. Weeks	Fernandina tidal	616.10
Amount disbursed		4,465.44
Railroad account referred to auditor for settlement .....		.85
Expenditures		4,465.79
Appropriation		5,000.00
Expenditures		4,465.79
Unexpended balance		534.21

OFFSHORE WORK, ETC.

R. D. Chase	Services	\$899.65
E. F. Dickins	Coast pilot	62.00
H. L. Ford	Services and travel	1,506.05
H. C. Graves	do	1,907.65
Talbot Pulizzi	Services	1,080.00

EXPENDITURES, COAST AND GEODETIC SURVEY.

Party expenses, 1901—Continued.

OFFSHORE WORK, ETC.—Continued.

To whom paid.	On what account.	Amount.
John Ross.....	Services.....	\$2,100.00
Ferd. Westdahl.....	Coast pilot.....	104.55
E. H. Wyvill.....	Services.....	1,500.00
Expenditures.....		9,159.90
Appropriation.....		10,100.00
Expenditures.....		9,159.90
Unexpended balance.....		940.10

STATE SURVEYS, ETC.

Adams Express Co.....	Transportation.....	\$25.42
A. L. Baldwin.....	Base measurements.....	7,052.04
L. A. Bauer.....	Magnetics.....	13,082.86
J. B. Baylor.....	do.....	202.28
Blue Line Transfer Co.....	Transportation.....	157.16
Wm. H. Burger.....	Precise leveling.....	2,578.76
Chasselon a Paris.....	Magnetic instruments.....	647.68
W. C. Dibrell.....	Magnetics.....	787.90
Harry M. W. Edmonds.....	Traveling expenses.....	116.30
O. W. Ferguson.....	Precise leveling.....	1,935.74
J. A. Fleming.....	Magnetics and building observatory.....	7,560.36
O. B. French.....	Traveling expenses.....	77.15
Geo. W. Knox Express Co.....	Transportation.....	91.87
F. D. Granger.....	Triangulation.....	4,814.74
John F. Hayford.....	Traveling expenses.....	150.68
L. G. Jennings.....	Storage.....	8.50
F. M. Little.....	Magnetics.....	337.90
A. T. Mosman.....	Triangulation.....	5,653.97
C. H. Myers.....	Rent.....	10.00
J. A. Nicholson & Son.....	Tents.....	136.24
S. K. Paul.....	Services.....	38.00
Pennsylvania Railroad Co.....	Transportation.....	1.49
Henry S. Pritchett.....	Traveling expenses.....	100.09
Revenue-Cutter Service.....	Flags.....	6.95
Aug. F. Rodgers.....	Repairing instruments.....	4.50
C. H. Sinclair.....	Longitudes.....	295.69
Ludwig Tesdorpf.....	Magnetic instruments.....	528.67
B. A. Thompson.....	Storage.....	3.00
Benj. E. Tilton.....	Precise leveling.....	1,582.48
Otto Toepfer.....	Magnetic instruments.....	1,521.64
United States Express Co.....	Transportation.....	21.81
Wm. Weinrich, jr.....	do.....	1.75
Isaac Winston.....	Storage.....	36.00
Amount disbursed.....		49,569.62
Railroad accounts referred to auditor for settlement.....		350.31
Expenditures.....		49,919.93
Appropriation.....		50,000.00
Expenditures.....		49,919.93
Unexpended balance.....		80.07

NAVY TRAVEL, ETC.

J. B. Boutelle.....	Traveling expenses.....	\$6.85
F. W. Edmonds.....	Special survey.....	346.16
W. B. Fairfield.....	do.....	960.85
J. F. Hayford.....	Traveling expenses.....	8.25
G. S. Lewis.....	do.....	37.20
W. I. Vinal.....	Special surveys.....	931.12
P. A. Welker.....	Traveling expenses.....	30.30
Chas. C. Yates.....	Special survey.....	449.75
Amounts disbursed.....		2,770.48
Railroad accounts referred to Auditor for settlement.....		81.94
Account settled by Auditor for work done at Port Royal Naval Station.....		35.31
Expenditures.....		2,887.73
Appropriation.....		3,400.00
Expenditures.....		2,887.73
Unexpended balance.....		512.27

EXPENDITURES, COAST AND GEODETIC SURVEY.

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Party expenses, 1901—Continued.

OBJECTS NOT NAMED.

To whom paid.	On what account.	Amount.
Adams Express Co.....	Transportation.....	\$1.25
Wm. W. Cloud.....	Notary fees.....	7.50
R. L. Faris.....	Traveling expenses.....	63.54
E. G. Fischer.....	do.....	6.06
E. H. Fowler.....	Commutation of subsistence.....	77.50
N. G. Henry.....	Notary fee.....	.50
Geo. W. Knox Express Co.....	Transportation.....	4.69
F. M. Little.....	Establishing compass ranges.....	84.00
John Ross.....	Traveling expenses.....	36.45
D. B. Wainwright.....	do.....	15.41
Isaac Winston.....	Commutation and traveling expenses.....	217.80
Chas. C. Yates.....	Traveling expenses.....	138.84
Expenditures.....		653.54
Appropriation.....		4,000.00
Expenditures.....		653.54
Unexpended balance.....		3,346.46

RECAPITULATION.

[Showing expenditures in gross by subitems.]

Tides, etc.....	\$4,465.44
Offshore work, etc.....	9,159.90
State surveys, etc.....	49,569.62
Navy travel, etc.....	2,770.48
Objects not named.....	653.54
Amount disbursed.....	66,618.98
Railroad accounts referred to Auditor for settlement.....	432.60
Account settled by Auditor for work done at Port Royal Naval Station.....	35.31
Expenditures.....	67,086.89
Appropriation.....	72,500.00
Expenditures.....	67,086.89
Unexpended balance.....	5,413.11

Classification of expenditures for party expenses, 1901.

On what account.	Amount.
Tidal operations.....	\$4,465.79
Coast Pilot.....	9,159.90
Triangulation.....	10,866.12
Geographical positions.....	372.84
Magnetics (including observatories).....	24,867.84
Base measurements.....	7,668.65
Precise leveling.....	6,144.48
Special surveys.....	2,723.19
Traveling expenses, transportation, etc.....	818.08
Total.....	67,086.89

Repairs of vessels, 1901.

To whom paid.	On what account.	Amount.
C. V. Archambault.....	Steamer Gedney.....	\$50.00
Atlantic Iron Works Co.....	Steamer Blake.....	372.88
Baltimore Marine Railway Machine and Boiler Works.....	Steamer Endeavor.....	2,005.85
C. F. Bennett.....	Launch Rudy.....	60.01

EXPENDITURES, COAST AND GEODETIC SURVEY.

Repairs of vessels, 1901—Continued.

To whom paid.	On what account.	Amount.
Ernest Betz	Launch Rudy	\$39.00
J. B. Boutelle	Schooner Eagre and launch Inspector	860.75
E. F. Dickens	Steamer Gedney	554.75
G. L. Flower	Schooner Matchless	88.26
Forsberg & Murray	Launch Rudy	53.09
Gas Engine and Power Co., and Chas. L. Seabury Co., Consolidated.	Repairs of launch	388.45
J. J. Gilbert	Steamer Pathfinder	3,890.00
Wm. Gokey & Son	Schooners Matchless and Eagre	7,830.02
W. C. Hodgkins	Steamer Blake	84.77
John M. Rodgers Boat, Gauge and Drill Works.	Steamer McArthur	300.92
S. R. Karr & Co	Steamer Blake	180.00
H. G. Ogden	Traveling expenses and schooner Transit	126.51
J. F. Pratt	Steamer Patterson	1,247.20
Roberts Safety Water Tube Boiler Co	Schooner Eagre	572.15
J. H. Roeth	Traveling expenses	2.30
John Ross	Schooner Eagre	16.55
Spedden Shipbuilding Co	Steamer Gedney	2.00
W. I. Vinal	Steamer Bache and schooner Matchless	72.27
P. A. Welker	Steamers Blake and Bache	2,107.64
Ferdinand Westdahl	Steamer McArthur	2,547.61
Wm. E. Woodall & Co	Steamer Blake and schooners Matchless and Eagre	1,737.54
Fred. A. Young	Steamer Endeavor	639.27
Amount disbursed		25,779.29
Account settled by Auditor for repairs to steamer Gedney		15,655.12
Expenditures		41,434.41
Appropriations		54,600.00
Expenditures		41,434.41
Unexpended balance		13,165.59

CLASSIFICATION OF EXPENDITURES FOR REPAIRS OF VESSELS.

Name of vessel.	Amount.
Steamer Bache	\$92.36
Steamer Blake	3,372.72
Schooner Eagre	6,081.87
Steamer Endeavor	2,644.62
Steamer Gedney	16,261.87
Schooner Matchless	4,031.92
Steamer McArthur	2,848.53
Steamer Pathfinder	3,890.00
Steamer Patterson	1,247.20
Schooner Transit	30.00
Steam and naphtha launches	834.51
Traveling expenses of inspection officers	98.81
Total	41,434.41

Publishing observations, 1901.

To whom paid.	On what account.	Amount.
Arthur F. Belitz	Services	\$1,000.00
Expenditures		1,000.00
Appropriation		1,000.00
Expenditures		1,000.00

EXPENDITURES, COAST AND GEODETIC SURVEY.

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General expenses, 1901.

To whom paid.	On what account.	Amount.
Adams Express Co.	Transportation	\$43.00
A. Lietz Co.	Repairs to instruments	50.00
American Arithmometer Co.	Adding machine	350.00
American Ice Co.	Ice	267.45
American Journal of Science	Subscriptions	6.00
American Mason Safety Tread Co.	Repairs	156.73
American Steel and Copper Plate Co.	Engraving supplies, etc.	35.00
R. P. Andrews & Co., Incorporated.	Stationery, photograph supplies, etc.	22.00
A. Angelowitz	Instrument shop	4.15
E. & H. T. Anthony	Copper and photograph supplies	44.98
R. Carter Ballantyne	Stationery, chart paper, etc.	70.58
Wm. Ballantyne & Sons	Books and stationery	18.52
D. Ballauf	Contingencies	3.50
Barber & Ross	do	10.20
L. A. Bauer	Books	49.73
Arthur Baumgarten	Stationery	39.99
Bausch & Lomb Optical Co.	Photograph supplies	5.63
Anna Beckman	Contingencies	8.90
Benedict & Burnham Manufacturing Co.	Instrument shop, etc.	306.38
C. L. Burger & Sons	Instruments	719.35
John Bliss & Co.	Books and charts	48.10
Blue Line Transfer Co.	Transportation	7.15
Blum Bros.	Contingencies	92.28
H. Boswell & Co.	Repairs	141.00
R. R. Bowker	Subscription	5.00
W. Andrew Boyd	Books	25.00
C. S. Braisted	Stationery	8.82
Brentano's	Books	.25
R. M. Brown	Carpenter shop	.93
J. H. Bunnell & Co.	Contingencies	5.04
Bureau of Engraving and Printing	Printing supplies	1,236.31
D. E. Burton	Carpenter shop	19.35
M. P. Bush	Contingencies	24.56
C. A. Woolsey Paint and Color Co.	Carpenter shop, etc.	6.66
R. P. Clarke Co.	Printing supplies, etc.	550.57
Clendenin Bros.	Copper	325.34
James Connor	Office horse	34.89
M. G. Copeland & Co.	Contingencies	2.75
H. S. Crocker Co.	Books	5.00
Joseph L. Crupper	Contingencies	23.25
John B. Daish	Fuel	1,047.75
Dennison Manufacturing Co.	Stationery	2.25
Thomas A. Dobyns	Contingencies	.60
Dodd, Mead & Co.	Books	5.95
P. Dougherty	Office horse	150.00
Dulin & Martin Co.	Contingencies	1.20
M. Du Perow	Instrument shop, etc.	18.65
C. R. Edmonston	Contingencies	15.80
Eimer & Amend	Instrument shop and photograph supplies	12.66
Elliott Electric Blue Print Co.	Drawing division and photograph supplies	39.17
E. Morrison Paper Co.	Chart paper, etc.	1,260.29
Geo. T. Ennis & Co.	Instrument shop	150.78
John B. Espey	Instrument and carpenter shops	316.85
Evening Star Newspaper Co.	Advertising	3.30
Felt & Tarrant Manufacturing Co.	Stationery, etc.	50.95
Geo. W. Knox Express Co.	Transportation	59.08
Gerstenderfer Bros.	Carpenter shop	13.85
Henry F. Getz	Repairs	102.25
Chas. U. Gibson	do	13.00
Z. D. Gilman	Photograph supplies, etc.	179.43
Jas. D. Goldsmith	Contingencies	3.50
Andrew B. Graham	Photolithographing	2,249.46
L. M. Graham	Repairs, etc.	17.00
Henry J. Green	Instruments	62.00
Hanlan & Goodman	Carpenter shop	1.85
Harris & Shafer Co.	Instruments	134.40
Louis Hartig	Carpenter shop, etc.	3.78
Harvard University	Subscriptions	2.00
G. Hasler	Instruments	109.17
Jeremiah Hawkins	Extra labor	600.00
Hellman Oil Co.	Contingencies	6.00
Mrs. A. Hellmuth	Washing	160.80
G. N. Henderson	Extra labor	600.00
J. W. Hurley	Repairs	978.00
J. Hillengass	do	200.00
H. E. Hooper	Book	8.75
N. Humphrey	Contingencies	1.30
Elwood Ivins	Instrument shop	11.29
James H. Johnson	Repairs, etc.	226.00
Jones & Laughlin, Limited	Instrument shop	.93
Jordan & Christie	Contingencies	7.00
M. E. Kahler	Instruments and instrument shop	155.50
S. Kann, Sons & Co.	Contingencies	42.68

General expenses, 1901—Continued.

To whom paid.	On what account.	Amount.
G. Ashton Kay	Instruments	\$38.00
Thos. Keely	Contingencies	6.00
Keuffel & Esser Co.	Drawing division, photograph supplies, etc.	681.14
Richard L. Lamb	Instrument shop	27.00
James B. Lambie	Instrument and carpenter shops, etc.	90.76
Lansburgh & Bro	Contingencies	138.48
Nanny D. Lee	do .....	.75
Lemcke & Buechner	Books and subscriptions	115.61
Arthur Leslie	Repairs, etc.	30.00
Library Bureau	Stationery, etc.	177.94
Melville Lindsay	Photograph supplies	17.39
T. L. Lindsay	Contingencies .....	.50
Mrs. M. E. Little	Office furniture, etc.	20.25
W. H. Lowdermilk & Co	Books and subscriptions	97.70
Lufton Rule Co	Instrument shop	15.00
Lutz & Co.	Office horse and wagon	51.60
Mackall Bros	Electric supplies, etc.	201.41
E. W. Mackintosh	Stationery, etc.	13.05
W. E. Maloney	Repairs	110.00
Matthiensen & Hegeler Zinc Co	Zinc	163.79
F. P. May & Co	Carpenter shop, etc.	11.00
McDermott Carriage Co.	Office wagon	3.00
Jas. H. McGill	Instrument shop and drayage	18.70
W. H. Mehler	Repairs	43.50
Geo. Meier & Co.	Printing supplies	1.50
F. H. Melville	Stationery	1.41
A. A. Meredith	Extra labor	154.84
Chas. E. Miller & Bro	Contingencies	27.35
Francis Miller	Carpenter shop, etc.	210.32
Moore Bros	Contingencies .....	.50
F. J. Monrote	Instruments and repairs	19.75
W. B. Moses & Sons	Office furniture, etc.	721.18
C. A. Muddiman & Co.	Repairs	2.00
Multiscope and Film Co	Photograph supplies	39.35
P. Munn & Co	Books and subscriptions	9.00
C. A. Murdock & Co	Stationery	5.40
N. Murray	Subscriptions	7.50
Geo. F. Muth & Co	Drawing and printing supplies and carpenter shop	633.36
J. M. Myers	Stationery	90.00
National Electric Supply Co	Stationery, etc.	10.55
National Mosaic Co	Repairs	144.00
Guy M. Neely	Contingencies .....	.30
T. S. & J. D. Negus	Instruments	9.00
E. S. Newman	Stationery	2.50
New York Steel and Copper Plate Co.	Copper plates	1,282.95
F. E. Okie Co	Printing supplies	12.00
Ottawa Literary and Scientific Society	Books	1.68
V. L. Ourdan	Engraving machines, etc.	6,008.40
John C. Parker	Books and stationery	43.20
Parsons Paper Co	Contingencies	5.40
J. A. Pierpoint	do	36.92
Chas. S. Platt	Instrument shop	14.79
Postal Telegraph Cable Co	Telegrams	36.54
Postmaster, Washington, D. C	Box rent	16.00
J. D. Potter	Book	5.46
Professional Photograph Publishing Co	Subscription	1.00
E. J. Pullman	Photograph supplies	1,061.57
G. R. Putnam	Maps	73.38
Queen & Co., Incorporated	Photograph and engraving supplies	61.50
John C. Rau	Repairs, etc.	483.41
Reading Paper Mills	Chart paper	2,657.56
Josephine Reed	Extra labor	180.00
Parker G. Reed	Contingencies	3.75
Fred Rees	do .....	.88
Hugh Reilly	Carpenter shop	8.98
F. J. Reutlinger	Instrument shop	10.80
Revenue-Cutter Service	Flags	42.25
Herbert L. Rice	Book	3.50
E. S. Ritchie & Sons	Instruments	180.00
Rochester Optical and Camera Co	Photograph supplies .....	.46
Aug. F. Rodgers	Suboffice expenses, etc.	246.44
Dr. John Rome	Office horse	10.00
Rudolph, West & Co	Carpenter shop, etc.	114.18
Julius F. Sachse	Maps	3.00
E. G. Schafer & Co	Repairs, etc.	33.81
Schmedtie Bros	Instruments	3.00
Fred A. Schmidt	Drawing and engraving supplies, stationery, etc.	1,838.52
John Sellers & Sons	Instrument shop	30.00
Seth Thomas Clock Co	Instruments	25.20
Chas. W. Sever & Co	Stationery	2.25

General expenses, 1901—Continued.

To whom paid.	On what account.	Amount.
B. F. Shaw	Office horse	\$268.00
Geo. A. Shehan	Carpenter shop	465.22
Shoemaker & Busch	Contingencies	12.98
M. Sickles & Sons	do	2.95
M. Silverberg & Co.	Carpenter shop	27.55
Francis E. Smith	Repairs	18.20
W. A. Smith	Books	1.39
Smithsonian Institution ..	Transportation exchange ..	357.85
Soule Photograph Co	Photographs	3.33
Standard Oil Co.	Contingencies	15.38
Gustav E. Stechert	Books, charts, and subscription ..	374.93
Sutherland & Carr	Instrument shop, etc	3.75
Giuseppe Tagliabue	Instruments	70.30
The Capital Traction Co	Office travel	51.00
The Chesapeake and Potomac Telephone Co.	Exchange rental and calls	77.23
The Evening Star Newspaper Co ..	Advertising	3.90
The Fuchs & Lang Manufacturing Co ..	Copper	10.20
The Grove Lime and Coal Co	Contingencies	5.80
The J. C. Ergood Co	do	23.09
The Julius Lansburgh Furniture and Carpet Co.	Office furniture	15.66
The L. A. Starrett Co	Instruments	27.90
The Macmillan Co.	Subscriptions	10.00
The McDermott Carriage Co	Office wagon	7.00
The Monumental Label Co	Instrument shop	2.50
The Newberry Library	Books	75.00
The Red "G" Oil Manufacturing Co ..	Contingencies	25.70
The Scovell & Adams Co., of New York ..	Photograph supplies	276.00
The Shaw-Walker Co	Contingencies	6.91
The Strowger Automatic Telephone Exchange.	Rent of telephones	162.00
The University of Chicago Press	Subscriptions	4.00
The United States Marine-Hospital Service.	Printing supplies	43.37
The Waterproof Paint Co	Contingencies	2.50
The Woolaeger Manufacturing Co	do	48.75
James S. Topham	Instruments, etc	26.50
R. J. Trostler	Extra labor	216.67
United States Electric Lighting Co ..	Electricity	221.54
United States Express Co	Transportation	21.40
United States Naval Institute	Subscriptions	3.50
United States Typewriter and Supply Co.	Typewriter	92.25
Chas. C. Van Horn	Contingencies	18.30
W. H. Veerhoff	do	15.00
Wm. Waple	Extra labor	140.32
Wm. H. Warner	Instrument shop	14.40
John Wanamaker	Books, etc	112.00
Washington Gas Light Co	Gas	774.40
Washington Post Co	Advertising	8.70
J. G. Weide	Contingencies	7.50
Western Electric Co	Instruments	77.00
Western Union Telegraph Co	Telegrams	320.47
The Pratt-Whitney Co	Instrument shop	27.57
Williams, Brown & Earle	Contingencies	28.32
Wyckoff, Seamans & Benedict	Repairs to typewriter	9.70
Yawman & Erb Manufacturing Co	Contingencies	5.00
Amount disbursed		37,141.60
Accounts for stationery settled by Auditor ..		671.14
Expenditures		37,812.74
Appropriation		38,000.00
Expenditures		37,812.74
Unexpended balance		187.26

CLASSIFICATION OF EXPENDITURES FOR GENERAL EXPENSES, 1901.

On what account.	Amount.
Instruments and repairs of same	\$3,487.98
Instrument shop and carpenter shop	2,044.09
Drawing division	39.18
Books, maps, charts, and subscriptions	832.30
Copper plates and zinc	1,750.82
Chart paper	3,999.87

General expenses, 1901—Continued.

CLASSIFICATION OF EXPENDITURES FOR GENERAL EXPENSES, 1901—Continued.

On what account.	Amount.
Engraving, printing, photographing, and electrotyping supplies.....	\$4,919.89
Photolithographing and printing from stone and copper.....	2,238.96
Stationery.....	1,726.46
Office horse and wagon.....	515.49
Transportation of instruments and supplies.....	490.83
Fuel.....	1,047.75
Gas.....	774.40
Electricity.....	221.54
Telegrams.....	357.01
Ice.....	267.45
Washing.....	165.29
Telephones.....	306.18
Miscellaneous expenses and contingencies of all kinds.....	1,424.39
Office furniture.....	576.57
Repairs.....	2,661.36
Extra labor.....	1,891.83
Traveling expenses (office).....	73.10
Automatic engraving machines.....	6,000.00
Total.....	37,812.74

Salaries—Office of Standard Weights and Measures, 1901.

To whom paid.	Time employed.	Amount.
<i>Inspector of standards.</i>		
S. W. Stratton.....	One year.....	\$2,201.09
<i>Adjuster.</i>		
Louis A. Fischer.....	One year.....	1,500.00
<i>Verifier.</i>		
Frank A. Wolff, jr.....	One year.....	1,500.00
<i>Mechanician.</i>		
Otto Storm.....	One year.....	1,250.00
<i>Watchman.</i>		
J. A. McDowell.....	One year.....	602.50
<i>Assistant messenger.</i>		
George Newman.....	One year.....	720.00
<i>Adjuster's helpers.</i>		
Walter S. Rich.....	Two months and thirty days.....	154.57
Grace Kaiser.....	Thirty days.....	58.69
George H. Draper.....	Two months and twenty-three days.....	164.28
Samuel W. Bogan.....	Two months and twenty-eight days.....	173.74
Expenditures.....		8,324.88
Appropriation.....		9,410.00
Expenditures.....		8,324.87
Unexpended balance.....		1,085.13

Contingent expenses, Office of Standard Weights and Measures, 1901.

MATERIALS AND APPARATUS AND INCIDENTAL EXPENSES.

To whom paid.	On what account.	Amount.
Arthur H. Thomas Co.....	Contingencies.....	\$6.00
Brown & Sharpe Manufacturing Co.....	Apparatus.....	17.45
M. Du Perow.....	Contingencies.....	27.27
Louis A. Fischer.....	Traveling expenses.....	19.75
George W. Knox Express Co.....	Transportation.....	14.80
Z. D. Gilman.....	Contingencies.....	4.40

Contingent expenses, office of Standard Weights and Measures, 1901—Continued.

MATERIALS AND APPARATUS AND INCIDENTAL EXPENSES—Continued.

To whom paid.	On what account.	Amount.
International Bureau of Weights and Measures	Apparatus	\$77.69
James B. Lambie	Contingencies	.40
Library Bureau	do	2.25
A. C. McClurg & Co.	do	1.85
Chas. E. Miller & Bro.	do	1.25
Francis Miller	do	2.70
W. B. Moses & Sons	do	31.00
Postal Telegraph Cable Co.	Telegrams	.20
R. P. Clarke Co.	Contingencies	7.10
Wm. E. Stocket & Co.	do	.90
S. W. Stratton	Traveling expenses	219.50
United States Express Co.	Transportation	1.71
The Chesapeake and Potomac Telephone Co.	Telephone	.50
Expenditures		436.72
Appropriation		1,475.00
Expenditures		436.72
Unexpended balance		1,038.28

Party expenses.

ATLANTIC COAST, ETC.

To whom paid.	On what account.	Amount.
Adams Express Co.	Transportation	\$72.85
Pedro Alvarez	Services	60.00
Baltimore and Ohio R. R. Co.	Transportation	13.02
Baltimore Marine, Railway, Machine, and Boiler Works.	Repairs of launches	510.70
D. Bernhardt.	Stores for Spy and Quick	12.75
W. H. H. Bixler & Co.	Outfit for launches	3.50
Blickensderfer Manufacturing Co.	Typewriter	45.00
Blue Line Transfer Co.	Transportation	3.96
Wm. H. Bohning	Oil for vessels	1.50
J. B. Boutelle	Combined operations, schooner Eagle	7,172.24
Wm. Bowie	Traveling expenses	2.60
Robert Boyd	Medicines	4.00
Wm. F. Butler	Building whaleboat	290.00
P. B. Castles	Services	463.10
John Clay	Storage	22.71
Capt. J. T. Crabbe, quartermaster, U. S. A.	Forage	90.93
L. P. Delcroix	Freight on launch	15.00
John W. Dickey	Storage	15.00
M. P. Dimpfel	do	30.00
John W. Donn	Topography	4,819.24
C. Durm & Son	Storage	205.65
Lewis Ehrman	Water for launches	5.25
Harry Ely	Traveling expenses	7.85
W. B. Fairfield	Triangulation	3,843.19
R. L. Faris	Traveling expenses	24.32
Geo. L. Flower	Combined operations, schooner Matchless	4,124.34
H. F. Flynn	Traveling expenses	56.65
Forbes Co.	Outfit for Eagle and Matchless	211.80
Stehman Forney	Combined operations	5,994.31
O. B. French	Hydrography	1,703.99
Geo. F. Blake Manufacturing Co.	Repairing launch	2.10
Geo. W. Knox Express Co.	Transportation	3.34
W. F. Glover	Traveling expenses	10.90
Graham's Warehouses	Storage	9.00
C. L. Green	Traveling expenses	18.55
Chas. E. Hansen	Services	500.75
W. C. Hodgkins	Hydrography	36.59
John Hubert	Oil feeder for launch	2.06
James Clark Co.	Repairing launch	18.37
James Reilly Repair and Supply Co.	Outfit for steamer Hydrographer	1,070.75
John L. Martin Co.	Storage	7.00
S. M. Johnson & Son	Coal for Hydrographer	60.03
John M. Rodgers' Boat, Gauge and Drill Works.	Repairing launches	1,564.86
James J. Lacy & Co.	Repairing launch	7.75
E. B. Latham	Topography	103.02

Party expenses—Continued.

ATLANTIC COAST, ETC.—Continued.

To whom paid.	On what account.	Amount.
Lebanon Chain Works.....	Outfit, steamer Hydrographer.....	\$233.38
John E. McGrath.....	Triangulation and topography.....	2,359.59
James A. McGregor.....	Traveling expenses.....	2.75
Mechanical Fabric Co.....	Outfit, steamer Hydrographer.....	67.45
T. S. & J. D. Negus.....	do.....	393.50
John Nelson.....	Triangulation and topography.....	7,027.42
New York and Porto Rico Steamship Co.....	Transportation.....	234.34
H. G. Ogden.....	Traveling expenses.....	823.07
Chas. Oulliber & Bro.....	Crating launch.....	10.00
Pennsylvania Railroad Co.....	Transportation.....	32.00
James F. Pfau.....	Services.....	182.25
E. D. Preston.....	Triangulation.....	712.56
Revenue-Cutter Service.....	Flags and bunting.....	337.64
Rogers & Curran.....	Coal for Hydrographer.....	54.90
John Ross.....	Hydrography and topography.....	457.79
C. S. Rossiter & Co.....	Building dinghy.....	110.00
J. E. Shepherd.....	Traveling expenses.....	45.44
Edwin Smith.....	Triangulation.....	260.35
H. S. Smith.....	Traveling expenses.....	10.27
V. Sournin.....	Services.....	368.51
Spedden Shipbuilding Co.....	Repairing launch.....	62.04
Standard Oil Co.....	Oil for schooner Matchless.....	119.23
W. Stebbins & Sons.....	Repairs and outfit for launch.....	8.86
Stevenson & McGee.....	Repairing launch.....	45.00
C. A. Thompson.....	Traveling expenses.....	3.80
O. H. Tittmann.....	do.....	37.85
United States Express Co.....	Transportation.....	7.82
United States Marine-Hospital Service.....	Medical stores for Matchless.....	8.13
W. I. Vinal.....	Combined operations, steamer Bache.....	4,093.63
D. B. Wainwright.....	Combined operations.....	748.62
A. L. Webb.....	Traveling expenses.....	18.50
F. F. Weld.....	Topography.....	2,230.90
P. A. Welker.....	Combined operations, steamer Blake.....	11,831.12
Edwin F. White.....	Traveling expenses.....	1.62
Wm. E. Woodall & Co.....	Storage and repairing boats.....	254.61
Fred A. Young.....	Hydrography, steamer Endeavor.....	4,458.25
Amount disbursed.....		70,393.71
Railroad accounts referred for settlement.....		194.90
Accounts for medical stores settled by Auditor.....		811.77
Expenditures.....		71,310.38
Balance on hand, report for 1900.....		64,785.87
Appropriation, sundry civil act Mar. 3, 1901.....		70,000.00
Repayment from appropriation, Pay, etc., of officers and men, vessels Coast Survey, 1901.....		645.45
Total amount available.....		135,431.32
Expenditures as above.....		71,310.38
Present unexpended balance.....		64,120.94

PACIFIC COAST, ETC.

Adams Express Co.....	Transportation.....	\$74.97
Adams Bros.....	Outfit.....	3.00
W. D. Alexander.....	Combined operations.....	59.00
American Steel and Wire Co.....	Sounding wire for Pathfinder.....	25.50
S. Applegate.....	Services.....	500.00
D. Ballauf.....	Sounding tubes for Patterson.....	21.00
Blue Line Transfer Co.....	Transportation.....	19.00
Wm. H. Burger.....	Traveling expenses.....	19.00
H. C. Denson.....	Combined operations.....	936.70
E. F. Dickins.....	do.....	6,310.91
F. W. Edmonds.....	Traveling expenses.....	38.75
L. H. Emmert.....	Lumber and hardware.....	20.75
R. L. Faris.....	Traveling expenses.....	108.50
H. L. Ford.....	Hydrography.....	444.00
E. H. Francis.....	Services.....	360.00
J. J. Gilbert.....	Combined operations, steamer Pathfinder.....	20,872.42
J. Kilpatrick.....	Storage.....	34.00
Marine Engine and Machine Co.....	Outfit, steamer Pathfinder.....	39.50
H. C. Mitchell.....	Combined operations.....	407.08
Fremont Morse.....	Topography and hydrography.....	7,861.25
Ostheimer Bros.....	Outfit, steamer Pathfinder.....	260.00
Pennsylvania R. R. Co.....	Transportation.....	5.14
J. F. Pratt.....	Combined operations, steamer Patterson.....	16,321.31

Party expenses—Continued.

PACIFIC COAST, ETC.—Continued.

To whom paid.	On what account.	Amount.
G. R. Putnam.....	Combined operations, steamer Patterson.....	\$12,368.48
Revenue-Cutter Service.....	Hydrography.....	59.60
H. W. Rhodes.....	Combined operations.....	375.30
Homer P. Ritter.....	do.....	18,501.10
Aug. F. Rodgers.....	do.....	1,198.14
United States Express Co.....	Transportation.....	126.52
Ferdinand Westdahl.....	Combined operations, steamer McArthur.....	9,654.94
C. C. Yates.....	Traveling expenses.....	70.61
Amount disbursed.....		97,096.47
Railroad accounts referred for settlement.....		1,295.47
Accounts for medical stores settled by Auditor.....		858.20
Expenditures.....		99,250.14
Balance on hand, report for 1900.....		91,685.28
Appropriation, sundry civil act Mar. 3, 1901.....		107,500.00
Repayment from appropriation, Pay, etc., of officers and men, vessels Coast Survey, 1901.....		3,399.07
Total amount available.....		202,584.35
Expenditures as above.....		99,250.14
Present unexpended balance.....		103,334.21

SPECIAL SURVEYS.

O. B. French.....	Traveling expenses.....	\$16.40
C. H. Sinclair.....	Northwest boundary survey.....	4,519.58
Amount disbursed.....		4,535.98
Railroad accounts referred for settlement.....		224.15
Expenditures.....		4,760.13
Appropriation, sundry civil act Mar. 3, 1901.....		13,400.00
Expenditures as above.....		4,760.13
Unexpended balance.....		8,639.87

RECAPITULATION.

[Showing expenditures in gross, by subitems.]

Atlantic coast, etc.....	\$70,393.71
Pacific coast, etc.....	97,096.47
Special surveys.....	4,535.98
Amount disbursed.....	172,026.16
Railroad accounts referred for settlement.....	1,624.52
Accounts for medical stores settled by Auditor.....	1,669.97
Expenditures.....	175,320.65
Balance on hand, report for 1900.....	156,471.15
Appropriation sundry civil act Mar. 3, 1901.....	190,900.00
Repayment from appropriation Pay, etc., of officers and men, vessels, Coast Survey, 1901.....	4,044.52
Total amount available.....	351,415.67
Expenditures.....	175,320.65
Present unexpended balance.....	176,095.02

CLASSIFICATION OF EXPENDITURES FOR PARTY EXPENSES.

Triangulation.....	\$17,145.26
Topography.....	56,055.18
Hydrography.....	67,360.08
Astronomical.....	4,760.13
Total.....	175,320.65

Pay, etc., of officers and men, vessels, Coast Survey, 1901.

PAY OF WATCH OFFICERS.

To whom paid.	Time employed.	Amount.
Charles F. Adae	One year.....	\$1,380.00
Frank H. Ainsworth	do	1,500.00
William G. Appleton	do	1,620.00
William M. Atkinson	do	1,420.00
Byron J. Crowley	Eleven months.....	1,375.00
John L. Dunn	do	1,265.00
Arthur H. Dutton	do	1,540.00
Whitney I. Eisler	One year.....	1,560.00
Christopher W. Fitzgerald	do	1,550.00
Lawrence M. Furman	do	1,500.00
Canon L. Green	do	1,615.00
William F. Glover	do	1,615.00
Victor R. Lyle	do	1,615.00
Charles Lyman	do	1,495.00
Joseph W. McGrath	Eleven months.....	1,210.00
William B. Proctor	One year.....	1,179.67
George F. Thomas	Two months.....	245.00
Charles A. Thompson	One year.....	1,435.00
Expenditures		25,119.67
Appropriations.....		27,500.00
Expenditures		25,119.67
Unexpended balance.....		2,380.33

PAY OF OFFICERS AND MEN.

William Bauman, jr	Pay	\$415.16
J. B. Boutelle	Pay rolls, schooner Eagre	11,672.59
Robert Boyd	Pay	35.00
Gershom Bradford, 2d	do	23.23
E. F. Dickens	Pay rolls, steamer Gedney	12,124.20
Harry M. W. Edmonds	Pay	875.00
George L. Flower	Pay rolls, schooner Matchless.....	8,051.29
Owen B. French	Pay rolls, steamer Blake	1,241.64
J. J. Gilbert	Pay rolls, steamer Pathfinder	21,362.76
Robert H. Hawkes	Pay	138.39
W. C. Hodgkins	Pay rolls, steamer Blake	763.52
J. G. Maupin	Pay	14.52
Fremont Morse	Pay of deck officer	236.67
John Nelson	Pay	50.00
J. F. Pratt	Pay rolls, steamer Patterson	13,423.41
George R. Putnam	Pay rolls, steamer Research	780.61
Louis C. Ritchie	Pay	795.97
William Sanger	do	693.00
W. Irving Vinal	Pay rolls, schooners Eagre and Matchless and steamer Bache.....	14,301.79
P. A. Welker	Pay rolls, steamers Bache and Blake	20,215.81
Ferd. Westdahl	Pay rolls, steamer McArthur	14,751.39
Fred. A. Young	Pay rolls, steamer Endeavor	12,587.66
Amount disbursed		134,558.61
Account of Matts Solvin, deceased, settled by Auditor		16.66
Transferred to appropriation, "Party Expenses, Coast and Geodetic Survey," amount expended from that appropriation for pay of officers and men		4,044.52
Transferred to Navy appropriations amount expended by Paymaster M. N. Ramsay, U. S. N., for pay of officers and men		30,652.16
Expenditures		169,271.95
Appropriation		182,745.00
Expenditures		169,271.95
Unexpended balance		13,473.05

RECAPITULATION.

Pay of watch officers.....	\$25,119.67
Pay of officers and men	169,271.95
Total expenditures.....	194,391.62
Total sum appropriated for pay of officers and men	210,245.00
Total sum expended for pay of officers and men	194,391.62
Unexpended balance	15,853.38

Steamer Bache.

To whom paid.	On what account.	Amount.
L. B. Friendt	Services and traveling expenses	\$2,018.90
Chas. C. Fulton & Co.	Advertising	3.90
Journal Newspaper Co.	do	5.40
New York Press Co., Limited	do	13.20
Herbert G. Ogden	Traveling expenses	68.25
Edw. L. Peacock	Rebuilding steamer Bache	50.00
The Norfolk Landmark	Advertising	2.73
The Press Company	do	7.20
The Times Company	do	1.95
O. H. Tittmann	Traveling expenses	35.80
Townsend and Downey Shipbuilding and Repair Co.	Rebuilding Bache	32,810.50
Expenditures		35,017.83
Appropriations		60,000.00
Expenditures		35,017.83
Unexpended balance		24,982.17

Steamer for Coast Survey.

To whom paid.	On what account.	Amount.
James Reilly Repair and Supply Co.	Building steamer Hydrographer	\$19,500.00
Appropriation		20,000.00
Expenditures		19,500.00
Unexpended balance		500.00

Party expenses, 1899.

OBJECTS NOT NAMED.

To whom paid.	On what account.	Amount.
W. C. Hodgkins	Hydrography, steamer Blake	\$11.58
Balance on hand, report for 1900		675.52
Expended since, as above		11.58
Present unexpended balance		663.94

RECAPITULATION.

[Showing expenditures in gross, by subitems.]

Objects not named	\$11.58
Balance on hand, report for 1900	2,750.32
Expended since, as above	11.58
Present unexpended balance	2,738.74

Contingent expenses, office of Standard Weights and Measures, 1899.

MATERIALS AND APPARATUS AND INCIDENTAL EXPENSES.

To whom paid.	On what account.	Amount.
A. A. Michaelson	Traveling expenses	\$336.00
Balance on hand, report for 1900		494.42
Expended since, as above		336.00
Present unexpended balance		158.42

EXPENDITURES, COAST AND GEODETIC SURVEY.

General expenses, 1899.

To whom paid.	On what account.	Amount.
Western Union Telegraph Co	Telegrams	\$3.56
Balance on hand, report for 1900		60.20
Expended since as above		3.56
Present unexpended balance		56.64

Party expenses, 1900.

STATE SURVEYS, ETC.

To whom paid.	On what account.	Amount.
Benj. E. Tilton	Leveling	\$1.60
United States Express Co	Transportation .....	.35
Expenditures		1.95
Balance on hand, report for 1900		239.37
Expended since as above		1.95
Present unexpended balance		237.42

NAVY TRAVEL, ETC.

J. F. Pratt	Traveling expenses	\$107.25
Balance on hand, report for 1900		250.99
Expended since as above		107.25
Present unexpended balance		143.74

OBJECTS NOT NAMED.

L. B. Friendt	Plans for steamer	\$150.00
Balance on hand, report for 1900		675.52
Expended since as above		150.00
Present unexpended balance		525.52

RECAPITULATION.

[Showing expenditures in gross, by subitems.]

State surveys, etc	\$1.95
Navy travel, etc	107.25
Objects not named	150.00
Expenditures	259.20
Balance on hand, report for 1900	2,935.50
Expended since, as above	259.20
Present unexpended balance	2,676.30

Repairs of vessels, 1900.

To whom paid.	On what account.	Amount.
Moran Bros. Co.	Repairs, steamer Patterson	\$4,064.00
Amount disbursed		4,064.00
Accounts settled by Auditor for repairs to steamer Gedney.....		3,300.00
Expenditures.....		7,364.00
Balance on hand, report for 1900		7,420.51
Expended since, as above		7,364.00
Present unexpended balance		56.51

Contingent expenses, Office of Standard Weights and Measures, 1900.

MATERIALS AND APPARATUS AND INCIDENTAL EXPENSES.

To whom paid.	On what account.	Amount.
United States Express Co	Transportation	\$0.80
Balance on hand, report for 1900		530.82
Expended since, as above .....		.80
Present unexpended balance		530.02

General expenses, 1900.

To whom paid.	On what account.	Amount.
S. C. Chandler	Books	\$5.00
Lemcke & Buechner.....	Subscription.....	4.70
John C. Parker.....	Book	5.00
G. E. Stechert	Books and subscriptions.....	12.00
The International Arithmachine Co.....	Adding machine	86.00
The Macmillan Co	Book	2.50
United States Express Co	Transportation	1.55
Western Union Telegraph Co.....	Telegrams	5.45
Expenditures.....		72.20
Balance on hand, report for 1900		402.60
Expended since, as above		72.20
Present unexpended balance		330.40

GENERAL RECAPITULATION.

[Showing appropriations and balances for the fiscal year ended June 30, 1901, and for all other accounts included in this report.]

Name of appropriation.	Appropriated.	Expended.	Balances.
Salaries, 1901, sundry civil act, June 6, 1900:			
Pay of field officers.....	\$116,460.00	\$112,874.75	\$3,585.25
Pay of office force.....	141,640.00	140,175.49	1,464.51
Party expenses, 1901, sundry civil act, June 6, 1900.....	72,500.00	67,086.89	5,413.11
Repairs of vessels, 1901:			
Sundry civil act, June 6, 1900.....	\$29,600.00		
Deficiency act, March 3, 1901.....	25,000.00		
Publishing observations, 1901, sundry civil act, June 6, 1900.....	1,000.00	1,000.00	.....
General expenses, 1901, sundry civil act, June 6, 1900.....	38,000.00	37,812.74	187.26
Salaries, Office of Standard Weights and Measures, 1901, legislative act, April 17, 1900.....	9,410.00	8,324.87	1,085.13
Contingent expenses, Office of Standard Weights and Measures, 1901, legislative act, April 17, 1900.....	1,475.00	436.72	1,038.28
Party expenses:			
Balance on hand, report for 1900.....	\$156,471.15		
Sundry civil act, March 3, 1901.....	190,900.00		
Repayment from appropriation, pay, etc., of officers and men, etc., 1901.....	4,044.52		
Pay, etc., of officers and men, vessels, Coast Survey, 1901, sundry civil act, June 7, 1900.....	210,245.00	194,391.62	15,853.38
Steamer Bache, Coast Survey, sundry civil act, June 6, 1900.....	60,000.00	35,017.83	24,982.17
Steamer for Coast Survey, sundry civil act, June 6, 1900.....	20,000.00	19,500.00	500.00
Party expenses, 1899, balance on hand, report for 1900.....	2,750.32	11.58	2,738.74
Contingent expenses, Office of Standard Weights and Measures, 1899, balance on hand, report for 1900.....	494.42	336.00	158.42
General expenses, 1899, balance on hand, report for 1900.....	60.20	3.56	56.64
Party expenses, 1900, balance on hand, report for 1900.....	2,935.50	259.20	2,676.30
Repairs of vessels, 1900, balance on hand, report for 1900.....	7,420.51	7,364.00	56.51
Contingent expenses, Office of Standard Weights and Measures, 1900, balance on hand, report for 1900.....	530.82	.80	530.02
General expenses, 1900, balance on hand, report for 1900.....	402.60	72.20	330.40
Total.....	1,091,340.04	841,423.31	249,916.73

TREASURY DEPARTMENT,
OFFICE OF THE COAST AND GEODETIC SURVEY,
Washington, D. C., December 19, 1901.

I certify that the foregoing statement is a correct exhibit of all expenditures made by me for the United States Coast and Geodetic Survey and for the Office of Standard Weights and Measures for the fiscal year ended June 30, 1901, and for preceding years, including all accounts paid to the close of business on November 30, 1901.

SCOTT NESBIT, *Disbursing Agent.*

Approved:

O. H. TITTMANN,
Superintendent United States Coast and Geodetic Survey.